



Air Quality Enhancement Activity—KS-AIR08

Nitrification inhibitors or urease inhibitors

Kansas Criteria for National Air Quality Enhancement Activity—AIR08

The following chemicals or compounds can be used as a nitrification inhibitor or urease inhibitor:

Action	Active Ingredient
Nitrification Inhibitor	2chloro-6 (trichloromethyl) pyridine (Nitrapyrin)
	Terrazole
	Dicyandiamide
	Dicyandiamide + 2-chloro-6 (trichloromethyl) pyridine (Nitrapyrin)
Urease Inhibitor	N-butyl-thiophosphoric triamide

Application timing, N source, application method, soil texture, and tillage are all factors that should be evaluated to determine where urease and nitrification inhibitors should be used. Before buying an inhibitor make sure scientific evidence backs up its claim. A producer and/or consultant should be wary of any product that does not have solid scientific data demonstrating that the inhibitor activity matches the advertised benefit.